

Appl. No. 09/805,679
Reply to Office Action of 5/5/05

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IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A portable communication device comprising:
a microphone structured for receiving sound waves, the sound waves being representative of (i) an audio signal and (ii) hidden data embedded in the audio signal, the microphone converting the received sound waves into an electrical output signal;
a processor electrically coupled to the microphone and configured to receive the electrical output signal in order to extract the hidden data and provide information represented by the hidden data ~~as an output thereof~~;
a user interface electrically coupled to the processor and configured to (i) receive a first user input ~~from the user and~~, (ii) activate the processor to selectively initiate extraction of the hidden data in accordance with the first user input, (iii) receive a second user input indicative of user preferred portions of the information represented by the hidden data, and
(iv) activate the processor to provide the user preferred portions of the information in response to the second user input, wherein the processor ~~producing as an output~~ provides the information represented by the hidden data in response to the first user input and provides the user preferred portions of the information in response to the second user input; and
a user presentation mechanism configured to present the information represented by ~~the hidden data to the user provided by the processor.~~
2. (Currently Amended) The portable communication device according to claim 1, wherein the user interface is further configured to (i) receive a ~~second input from the third user to establish a communication link~~ and (ii) activate the processor to provide output data representative of the second input, the second input being indicative of user preferred portions of the information representative of the hidden data presented to the user to establish the communication link, wherein the output data comprises link information included in the hidden data.
3. (Currently Amended) The portable communication device according to claim ~~2-1~~, further comprising:

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an output mechanism electrically coupled to the processor and configured to receive ~~the an output therefrom and transmitting from the processor and to transmit~~ a signal corresponding to the received output.

4. (Original) The portable communication device according to claim 3, wherein the transmitted signal activates computer network functions.

5. (Currently Amended) The portable communication device according to claim 3, further comprising:

an embedding device for (i) receiving the output from the processor and (ii) embedding the output from the processor with identification information for the portable communication device, wherein the signal corresponding to the received output includes the embedded identification information.

6. (Currently Amended) A portable communication device comprising:
a receiver structured to receive a radio frequency signal containing hidden data and ~~converting to convert~~ the radio frequency signal into an electrical output signal;
a processor electrically coupled to the receiver and configured to receive the electrical output signal in order to extract the hidden data and provide information represented by the hidden data ~~as an output thereof~~;
a user interface electrically coupled to the processor and configured to (i) receive a first user input ~~from the user~~ and (ii) activate the processor to selectively initiate extraction of the hidden data in accordance with the first user input, the processor producing as an output the information represented by the hidden data; and
a user presentation mechanism configured for presenting the information represented by the hidden data ~~to the user~~.

7. (Currently Amended) A base station configured to (i) receive and process ~~information broadcast from a signal transmitted by a portable communication device for a call~~, (ii) extract hidden data from the processed ~~broadcast information signal~~, the extracted hidden data including identifier information for the portable communication device and

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linking information indicative of a destination for the call, and (iii) establish a communication link to ~~a~~ the destination represented indicated by the linking information.

8. (Currently Amended) A communication system for processing a broadcast audio signal including hidden data, the communication system comprising:

a portable communication device including:

a microphone structured for receiving sound waves, the sound waves being representative of (i) an audio signal and (ii) hidden data embedded in the audio signal, the microphone converting the received sound waves into an electrical output signal;

a processor electrically coupled to the microphone and configured for receiving the electrical output signal in order to extract the hidden data and provide information representative of the hidden data ~~as an output thereof~~;

a user interface electrically coupled to the processor and configured for (i) receiving a first user input ~~from the user and~~, (ii) activating the processor to selectively initiate extraction of the hidden data in accordance with the first user input, ~~the process producing as an output the information represented by the hidden data; and (iii) receiving a second user input indicative of user preferred portions of the information representative of the hidden data, and (iv) activating the processor to provide the user preferred portions of the information in accordance with the second user input;~~

a user presentation mechanism configured for presenting ~~the information represented by the hidden data to the user; provided by the processor; and~~

~~wherein the user interface is further configured to (i) receive a second input from the user and (ii) activate the processor to output data representative of the second input, the second input being indicative of preferred user positions of the information represented by the hidden data presented to the user;~~ an output mechanism electrically coupled to the processor and configured for receiving the output data from the processor ~~therefrom~~ and transmitting a signal corresponding to the received output data; and

a base station configured to (i) receive and process the signal ~~corresponding to the output from~~ transmitted by the portable communication device, (ii) extract the ~~hidden output~~ data from the processed signal, the ~~hidden output~~ data including identifier information and linking information, and (iii) establish a communication link to a destination represented by the linking information.

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9. (Currently Amended) A portable communication device comprising:
a receiver configured to receive a broadcast signal, the broadcast signal being representative of (i) an audio signal and (ii) hidden data embedded in the audio signal, the receiver converting the received broadcast signal into an electrical output signal;
a processor electrically coupled to the receiver and configured to receive the electrical output signal in order to extract the hidden data and provide information representative of the hidden data ~~as an output thereof~~;
a user interface electrically coupled to the processor and configured for (i) receiving ~~as a user input from the user~~ and (ii) activating the processor to selectively initiate extraction of the hidden data in accordance with the user input, the processor producing as an output information represented by the hidden data; and
a user presentation mechanism configured for presenting the information represented by the hidden data ~~to the user~~.

10. (Currently Amended) A method of communicating using a system including a processor, a user interface, and a user presentation mechanism, the method comprising:
receiving sound waves using a microphone, the sound waves being representative of (i) an audio signal and (ii) hidden data embedded in the audio signal, ~~and~~;
converting the received sound waves into an electrical signal;
selectively extracting the hidden data from the electrical signal in accordance with a first user input from a user and producing information representative of the hidden data ~~and~~;
presenting the information representative of the hidden data ~~to the user~~
receiving a second user input indicative of user preferred portions of the information representative of the hidden data; and
presenting the user preferred portions of the information.

11. (Currently Amended) A method of ~~sharing~~ collecting broadcast revenue ~~among a plurality of entities, each entity of the plurality receiving revenue shares for at least one entity~~ based upon a broadcast of data signals, the data signals being representative of audio content and including hidden information embedded therein, the method comprising:

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broadcasting the data signals having the hidden information, the hidden information including at least an identity of each of the ~~entities~~ at least one entity;
receiving the broadcast data signals in a portable communication device;
separating the hidden information from the ~~information~~ audio content in the received broadcast data signals ~~and~~;
presenting the hidden information ~~to a user~~ to facilitate a user selection, the user selection being associated with the hidden information;
transmitting the user selection ~~wirelessly toward~~ a revenue determination center;
determining a revenue share amount for each of the ~~plurality of entities~~ at least one entity based upon the broadcast data signals and the user selection, wherein the revenue share amount for each entity is related to a service rendered by the entity to provide the hidden information; and
allocating the determined revenue share amount to each of the ~~plurality of entities~~ at least one entity.

12. (Currently Amended) The method of ~~sharing~~ collecting broadcast revenue according to claim 11, wherein the separating the hidden information includes converting the received broadcast data signals into electrical signals and extracting the hidden information from the electrical signals.

13. (Currently Amended) The method of ~~sharing~~ collecting broadcast revenue according to claim 11, wherein the ~~wirelessly~~ transmitting the user selection includes transmitting the user selection to a wireless network resource, the wireless network resource being coupled, at least indirectly, to the revenue determination center.

14. (New) The method of collecting broadcast revenue according to claim 11, wherein the user selection is further associated with an identity of an entity facilitating transmission of the user selection, and wherein a revenue share amount is further determined for the entity facilitating the transmission of the user selection.

15. (New) The portable communication device according to claim 3, further comprising:

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an embedding device for (i) receiving the output from the processor and (ii) embedding the output from the processor with identification information for an entity rendering a service to provide the hidden data or facilitating transmission of the signal corresponding to the received output.

16. (New) The portable communication device according to claim 5, wherein the identification information for the portable communication device is a serial number of the portable communication device.